

Table MP-1
Target Peak Flow Rates at Selected Locations on the Mainstem

Location	Master Plan Element Name	Cumul. Area (sm)	2-Year Event	10-Year Event	50-Year Event	100-Year Event
			cfs	cfs	cfs	cfs
84th Street	84th	0.28	260	540	780	880
70 th Street	A	1.76	70	110	110	110
BNSFRR	BNSF64	3.48	600	1400	2000	2400
Pine Lake Road	PineBx	4.03	680	1500	2300	2600
56th Street	56thBr	5.13	870	2000	2900	3400
Old Cheney Road	55OldC	5.30	970	2300	3300	3900
BNSF/Hwy2 Bridge	BNRR	5.48	970	2300	3300	3900
48th Street	48thBr	6.05	1200	2700	4100	4800
40th Street	40thSt	6.93	230	890	2500	2500
Supplemental Box Culvert	40SUPL	N/A	1100	2300	2200	3100*
Hwy2/BNSF Bridge	BNRR38	6.93	400	1200	2900	2900
Beal Slough	R31	8.12	1900	4000	4300	4900
27th Street	27thSt	11.35	3000	6400	8000	8700
Southwood Drive	Southw	11.69	3000	6400	8100	9000
Highway 77(14 th St.)	Hwy77	12.96	3200	6900	9000	10000
Penitentiary Bridges	Pen RR	13.09	3200	6900	9000	10000
Pioneers/BNSF Br.	Pionee	13.38	3200	6900	9100	10100
Mouth at Salt Creek	R61	13.51	3200	6900	8700	9600

*Under 1997 and FIS (1978) conditions, as indicated in Table 1-10 of Section I Basin Evaluation, flow through this Master Plan supplemental culvert would pass through the 40th Street and Highway 2/BNSF structures. For purposed of comparison with Table 1-10, add 3100 cfs to the 40th Street and Highway 2/BNSF structure 100-year event rates of flow in this table.